GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA

UNSTARRED QUESTION NO:3197
ANSWERED ON:21.12.2004
DEVELOPMENT OF SOFTWARE
Kharventhan Shri Salarapatty Kuppusamy

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether normalized difference vegetation index is under development to study the pattern of crop distribution;and

(b) the time by which the software is likely to be developed and put to effective use?

Answer

MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (INDEPENDENT CHARGE) (SHRI VILAS MUTTEMWAR)

(a) & (b): Normalized Difference Vegetation Index is a standard and established parameter used to project the vegetation density as an interpretation from the satellite images mapped to the geographic area. Under a project sponsored by the Ministry, the values of this Index are being utilized by the Indian Institute of Science, Bangalore, to predict pattern of crop distribution in a given land area. The data generated will be used to estimate biomass availability and prepare a Biomass Resource Atlas for the country. The Atlas is expected to be ready by March, 2007.